

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)
	CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1	1
Basic Structure Repair Manual – SM1		A220 A350	2 5		2	2	2
Damage Assessment for Line Mechanics – SD1		A320/A330/A340 A350	2 5	2			
Advanced Repair Manual - SD2		A320/A330/A340 A350	3 5		3	3	
Part 145 Composite Core Course for Technicians – XSQ1		All programs	15 incl.11 practicals				3
Part 145 Difference Course – XST1		All programs	5 incl. 0.5 practicals				3'

SPECIALISED COURSES		Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			1			1			
	Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals		4			1				
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5			2				
	Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals		5'			2'				4
	Repair Engineering Course Level 1 – XSC5	All programs	5								4	
	Metallic Structure Repair for Engineers – XSC1	All programs	10								5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4		

OTHER COURSES		Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x	x	x	x
	Corrosion Control – XSA6	All programs	2			x			x			x
	Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals		x			x			x	
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3									x

Line Mechanics

STRUCTURE LEARNING PATHS

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CORE COMPETENCIES COURSES

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)
A/C Structure Detailed Description – SA1	A320	5	1	1		1	1
	A340/A330 A350	2					
Basic Structure Repair Manual – SM1	A220	2		2		2	2
	A350	5					
Damage Assessment for Line Mechanics – SD1	A320/A330/A340	2	2				
	A350	5					
Advanced Repair Manual - SD2	A320/A330/A340	3		3		3	
	A350	5					
Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl.11 practicals					3
Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals					3'

SPECIALISED COURSES

				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic	
Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			1			1				
Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals		4			1					
Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5			2					
Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals		5'			2'					4
Repair Engineering Course Level 1 – XSC5	All programs	5									4	
Metallic Structure Repair for Engineers – XSC1	All programs	10									5	
Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals								4		

OTHER COURSES

Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	X	X	X	X	X	X	X	X	X	
Corrosion Control – XSA6	All programs	2		X			X				X	
Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals		X			X			X		
Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3									X	

Repair Staff (full Scope)

STRUCTURE LEARNING PATHS

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Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)			Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)			
				Composite	Metallic	Glare	Composite	Metallic	Glare	Composite	Metallic	
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1					1	1	
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2					2	2	
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2								
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		3					3		
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl.11 practicals									3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals									3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		1			1				
	Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals	4			1					
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals	5			2					
	Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals	5'			2'				4	
	Repair Engineering Course Level 1 – XSC5	All programs	5								4	
	Metallic Structure Repair for Engineers – XSC1	All programs	10								5	
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals							4		
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x	x	x	
	Corrosion Control – XSA6	All programs	2		x			x			x	
	Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals	x			x			x		
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3								x	

Repair Staff (Shop only)

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)	Composite Repair Staff – Part 145 (Recommended course order)
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1	1	1
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2	2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2			
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		3	3	
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl.11 practicals				3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals				3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		Composite Metallic Glare	Composite Metallic Glare	Composite Metallic
	Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals		4	1	
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals		5	2	
	Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals		5'	2'	4
	Repair Engineering Course Level 1 – XSC5	All programs	5				4
	Metallic Structure Repair for Engineers – XSC1	All programs	10				5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals				4
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x
	Corrosion Control – XSA6	All programs	2		x		x
	Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals		x		x
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3				x

STRUCTURE LEARNING PATHS

TARGETED POPULATION

Learning paths	Aircraft Type	Courses Duration (days)	Line Mechanics (Recommended course order)	Repair Staff - Full Scope (Recommended course order)	Repair Staff - Shop only (Recommended course order)	Engineering (Recommended course order)		Composite Repair Staff – Part 145 (Recommended course order)	
						Composite	Metallic	Composite	Metallic
CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1			1	1
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2			2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2					
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		3			3	
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl.11 practicals						3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals						3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals			Composite	Metallic		
	Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals			4		1	
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals			5		2	
	Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals			5'		2'	
	Repair Engineering Course Level 1 – XSC5	All programs	5						4
	Metallic Structure Repair for Engineers – XSC1	All programs	10						5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals						4
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x	x	x
	Corrosion Control – XSA6	All programs	2					x	x
	Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals					x	
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3						x

Composite Repair Staff

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CORE COMPETENCIES COURSES	A/C Structure Detailed Description – SA1	A320 A340/A330 A350	5 2	1	1	1	1
	Basic Structure Repair Manual – SM1	A220 A350	2 5		2	2	2
	Damage Assessment for Line Mechanics – SD1	A320/A330/A340 A350	2 5	2			
	Advanced Repair Manual - SD2	A320/A330/A340 A350	3 5		3	3	
	Part 145 Composite Core Course for Technicians – XSQ1	All programs	15 incl.11 practicals				3
	Part 145 Difference Course – XST1	All programs	5 incl. 0.5 practicals				3'
SPECIALISED COURSES	Fasteners & Cold Expansion Course – XSA5	All programs	5 incl. 2.5 practicals		Composite 1	Metallic 1	
	Basic Composite Repair for Technicians – XSA2	All programs +A220	5 incl. 4 practicals	4	1		
	Advanced Composite Repair for Technicians – XSA3	All programs	5 incl. 4 practicals	5	2		
	Specific Composite Repair for Technicians – SA7	A220 A350	3 practicals 4 practicals	5'	2'		4
	Repair Engineering Course Level 1 – XSC5	All programs	5				4
	Metallic Structure Repair for Engineers – XSC1	All programs	10				5
	Composite Repair for Engineers – XSC3	All programs	9 incl. 3 practicals				4
OTHER COURSES	Fuel Leaks Detection & Repair – XSA4	All programs	5 incl. 2.5 practicals	x	x	x	x
	Corrosion Control – XSA6	All programs	2		x		x
	Radome repair for Technicians – SA9	A320/A330/A340 A350	5 incl. 4 practicals		x		x
	Fatigue & Damage Tolerance for Engineers – XSC4	All programs	3				x